Electronic Acknowledgement Receipt					
EFS ID:	2113940				
Application Number:	10532619				
International Application Number:					
Confirmation Number:	9405				
Title of Invention:	Maximizing power and spectral efficiencies for layered and conventional modulations				
First Named Inventor/Applicant Name:	Ernest C. Chen				
Correspondence Address:	The Directv Group Inc RE/R11/A109 P O Box 956 - El Segundo CA 90245 US - -				
Filer:	Georgann Shelby Grunebach/Janet Shibata				
Filer Authorized By:	Georgann Shelby Grunebach				
Attorney Docket Number:	PD-201014				
Receipt Date:	22-AUG-2007				
Filing Date:	25-APR-2005				
Time Stamp:	18:21:57				
Application Type:	U.S. National Stage under 35 USC 371				
Payment information:					

rayment information.

Submitted with Payment	no
------------------------	----

File Listing:

Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.)			
1 Information Disclosure Statement (IDS) Filed		PD-201014-IDS.pdf	128405	no	3			
	1 D-201014-1D0.pai	eb1cd77883d0f44532a3533b8e281ecf 89bb3299	110					
Warnings:	Warnings:							
Information								
This is not an USPTO supplied IDS fillable form								
2 Foreign Reference	JP2002118611.pdf	50269	no	1				
		2a5c823877195d6ff8234f86bd9003022 e3dafea						
Warnings:								
Information	;							
3 NPL Documents	PALICOTPossibleCodingand Modulation.pdf	342865	no	8				
		3b5241800d79a047b3a68c67ab2e007 c71a72ed0						
Warnings:								
Information:								
		Total Files Size (in bytes)	521539					

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.